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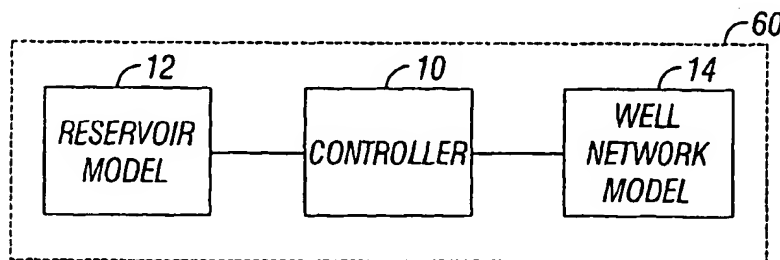
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- (71) Applicant (for BR only): SCHLUMBERGER SURENCO SA [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
- (71) Applicant (for SD, TR only): SCHLUMBERGER OIL-FIELD ASSISTANCE LIMITED [—/—]; Craigmuir Chambers, Road Town, Tortola, British Virgin Islands (VG).
- (71) Applicant (for CN only): SCHLUMBERGER OVERSEAS S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
- (71) Applicant (for CG, CM, CZ, DZ, EC, GA, IN, LT, MA, NE, TD, VN only): PRAD RESEARCH AND DEVELOPMENT N.V. [/]; De Ruyterkade 62, Willemstad, Curaçao (AN).
- (71) Applicant (for GB, JP, NL only): SCHLUMBERGER HOLDINGS LIMITED [—/—]; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola (VG).
- (71) Applicant (for TT only): SCHLUMBERGER SERVICES LIMITED [—/—]; P.O. Box 438, Tortola (VG).
- (71) Applicant (for all designated States except BR, CA, CG, CM, CN, CZ, DZ, EC, FR, GA, GB, IN, JP, LT, MA, NE, NL, SD, TD, TR, TT, US, VN): SCHLUMBERGER TECHNOLOGY LIMITED B.V. [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).
- (71) Applicant (for FR only): SERVICES PETROLIERS SCHLUMBERGER [FR/FR]; 42, rue Saint Dominique, FR 75007 Paris (FR).
- (71) Applicant (for CA only): SCHLUMBERGER CANADA LIMITED [CA/CA]; 525-3rd Ave S.W., Calgary, Alberta, CA T2P 0G4 (CA).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): KOSMALA, Alexandre, G.E. [US/GB]; Acacia Farm, Lower Road - Croydon, Royston SG8 0EE (GB). RASHID, Kashif [GB/GB]; 225 Ellerdine Road, Hounslow, Middlesex TW3 2PZ (GB).
- (74) Agent: STOOLE, Brian, David; Gamma House, Enterprise Road, Chilworth Science Park, Southampton, SO16 7NS (GB).
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[Continued on next page]

(54) Title: OPTIMIZING WELL SYSTEM MODELS



(57) Abstract: The invention is a controller (10) functionally associated with a reservoir model (12), a well network model (14), and a processing plant model and is adapted to optimize any one, two, or all three of the models. The controller can optimize the models using multiple, the same, or different optimizer modules.



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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	TRICK M D: "A different approach to coupling a reservoir simulator with a surface facilities model", SPE, XX, XX, NR. SPE 40001, PAGE(S) 285-290 XP002240561 column 4, paragraph 4 -column 5, paragraph 3 ---	1-63
X	BYER T J ET AL: "Preconditioned Newton methods for fully coupled reservoir and surface facility models", SPE ANNUAL TECHNICAL CONFERENCE AND EXHIBITION, XX, XX, NR. SPE 49001, PAGE(S) 181-188 XP002240559 column 1, paragraph 3 -column 2, paragraph 2 --- -/--	1-63

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Ott, S

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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